

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

Docket No. 2003-706

October 24, 2003

MAINE PUBLIC UTILITIES COMMISSION
Investigation into BHE's ARP Service
Quality Indices

EXAMINER'S DATA
REQUEST NO. 1

I. GENERAL INSTRUCTIONS

1. Please provide the response to each numbered request on a separate sheet of paper, or papers. Each sheet of paper should be three-hole punched.
2. For each response, please state (1) the name(s) and title(s) of the person(s) responsible for preparing the response, and (2) the name(s) and title(s) of the person(s) who are competent to give testimony concerning the response and all documents produced as part of the responses.
3. Where information requested is not available in the precise form described in the question, please provide all information with respect to the subject matter of the question that can be identified in the Utility's Workpapers and files, or that is otherwise available.
4. Please provide responses by November 13, 2003.

II. DATA REQUESTS

1. Describe, in detail, what Power On does that the Banner CIS System did not do.
2. Re: Petition, Paragraph 14. Provide a detailed description of Dr. Steiger's computer simulation and model of service quality performance. Include in the description: all variables modeled; all variables assumed to be random variables; all assumptions the model is based on, including the probability distributions of the random variables; and support for the assumptions.
3. Re: Petition, Paragraph 15. Provide work papers and assumptions that support BHE's estimate of the percentage of unreported outages for each of the sample years. (See p 7 Petition)

4. In paragraph 16 of the Petition, did Dr. Steiger assume the estimated percentages of unreported outages (in para. 7) were "determined from a random sample" or were themselves a random sample? From what probability distribution did she assume the random sample was taken? Provide support for the assumption.

5. Re: Petition at para. 16. How do you reconcile the insulation of the utility business from earnings volatility of new ventures suggested in this paragraph with statements in application paragraph 14 regarding the benefits of diversification?

6. Re: Petition, Paragraph 17. Explain in detail, how Dr. Steiger's model estimates the number of customers likely affected by each (missed) outage, and how the model reflects or incorporated BHE's most current information regarding: frequency of outages, event type causing the outage, equipment type that failed, number of customers affected by the outage, duration of the outage and Company Division in which the outage occurred.

7. Does BHE assume Dr. Steiger's model produces SAIFI and CAIDI baselines that are an accurate reflection of BHE's measured outage experience in a typical "worst" year? If so, provide support for that assumption.

Dated: October 24, 2003

Submitted by,

Charles Cohen
Hearing Examiner